

SCECAP 2000 Water Quality

Dissolved and Total Nutrients -- Open Water

Station	Ammonia	Nitrate-Nitrite	Organic Nitrogen	Total Diss Nitrogen	Total Nitrogen	Organic Phosphate	Ortho-phosphate	Total Diss Phos	Total Phosphorus	Silica	Organic Carbon	Inorganic Carbon
	(NH4 mg/l)	(NO ₂ -NO ₃ mg/l)	(DON mg/l)	(TDN mg/l)	(TN mg/l)	(DOP mg/l)	(OP mg/l)	(TDP mg/l)	(TP mg/l)	(DS mg/l)	(DOC mg/l)	(DIC mg/l)
RO00006	0.068	0.136	0.355	0.559	0.863	0.000	0.048	0.018	0.063	1.591	7.107	
RO00007	0.017	0.005	0.340	0.362	0.483	0.004	0.011	0.013	0.026	3.334	4.037	3.800
RO00008	0.037	0.064	0.529	0.630	0.806	0.000	0.057	0.053	0.087		5.772	36.700
RO00009	0.076	0.038	0.489	0.603	0.756	0.000	0.050	0.040	0.054	1.500	4.471	42.300
RO00010	0.008			0.368	0.545	0.000	0.015	0.009	0.022	0.330	2.969	39.133
RO00015	0.100	0.280	0.526	0.905	1.000	0.050	0.015	0.065	0.128	3.015	11.477	
RO00016		0.000	0.429	0.429	0.791	0.000	0.010	0.006	0.059	1.146	4.237	18.367
RO00017	0.012	0.026	0.532	0.570	0.708	0.000	0.041	0.037	0.074	1.126	6.673	18.333
RO00018	0.005	0.078	0.629	0.712	0.827	0.008	0.053	0.060	0.073	1.633	7.407	18.033
RO00019	0.069	0.023	0.523	0.614	0.820	0.000	0.053	0.051	0.080	2.086	4.771	17.400
RO00020	0.098	0.261	0.436	0.794	0.952	0.017	0.038	0.054	0.107	2.820	10.443	
RO00021	0.092	0.017	0.476	0.584	0.786	0.011	0.000	0.013	0.109	1.959	6.539	
RO00022	0.011	0.002	0.466	0.479	0.941	0.000	0.024	0.019	0.090	0.483	4.254	18.100
RO00023	0.021	0.060	0.565	0.646	0.787	0.000	0.057	0.054	0.093	1.835	7.173	17.433
RO00024	0.043	0.011	0.506	0.561	0.703	0.000	0.035	0.026	0.052	1.662	4.204	37.167
RO00033		0.003	0.408	0.411	0.538	0.000	0.017	0.009	0.033	0.830	3.670	14.567
RO00034	0.044	0.187	0.549	0.780	0.867	0.016	0.034	0.049	0.104	3.007	12.378	8.933
RO00035	0.045	0.031	0.565	0.642	0.870	0.000	0.029	0.029	0.072	1.476	4.638	17.300
RO00036	0.028	0.013	0.479	0.520	0.643	0.000	0.047	0.042	0.076	0.987	3.470	16.967
RO00037	0.025	0.000	0.498	0.505	0.584	0.011	0.020	0.026	0.016	0.622	3.370	36.367
RO00045	0.040	0.005	0.544	0.589	0.698	0.001	0.033	0.032	0.088	1.169	5.238	18.400
RO00046	0.004	0.180			0.956	0.000	0.051		0.064	1.412	11.944	19.133
RO00047	0.040	0.011	0.379	0.430	0.622	0.000	0.032	0.024	0.046	0.975	4.070	37.967
RO00048	0.042	0.021	0.381	0.445	0.693	0.000	0.035	0.030	0.052	0.970	3.603	43.033
RO00049	0.029	0.005	0.524	0.558	0.654	0.000	0.028	0.021	0.033	0.974	3.703	37.533
RO00055	0.062	0.003	0.369	0.434	0.482	0.000	0.013	0.011	0.052	0.706	6.606	27.900
RO00056	0.012	0.058	0.427	0.497	0.547	0.002	0.021	0.021	0.047	1.782	3.103	11.600
RO00057	0.022	0.033	0.577	0.631	0.934	0.002	0.028	0.025	0.053	1.262	5.138	27.567
RO00058	0.021	0.004	0.509	0.535	0.596	0.004	0.041	0.044	0.049	0.737	6.272	17.567
RO00059	0.083	0.024	0.538	0.645	0.717	0.000	0.068	0.063	0.107	2.057	4.437	17.733
Mean	0.041	0.054	0.484	0.567	0.739	0.004	0.033	0.033	0.067	1.500	5.773	23.821

SCECAP 2000 Water Quality
Dissolved and Total Nutrients -- Tidal Creeks

Station	Ammonia (NH4 mg/l)	Nitrate- Nitrite (mg/l)	Organic Nitrogen (DON mg/l)	Total Diss Nitrogen (TDN mg/l)	Total Nitrogen (TN mg/l)	Organic Phosphate (DOP mg/l)	Ortho- phosphate (OP mg/l)	Total Diss Phos (TDP mg/l)	Total Phosphorus (TP mg/l)	Silica Silicon (DS mg/l)	Organic Carbon (DOC mg/l)	Inorganic Carbon (DIC mg/l)
RT00501	0.034	0.064	0.519	0.617	0.832	0.000	0.044	0.041	0.057	2.549	5.505	25.950
RT00502	0.066	0.064	0.745	0.876	1.217	0.002	0.109	0.110	0.192	3.173	10.109	16.067
RT00503	0.069	0.029	0.572	0.669	0.957	0.000	0.026	0.025	0.117	1.659	4.137	17.633
RT00504	0.016	0.000	0.584	0.601	0.844	0.008	0.055	0.063	0.099	3.109	7.373	37.133
RT00505		0.000	0.429	0.429	0.810	0.000	0.011	0.010	0.071	1.185	4.371	18.933
RT00517	0.008			0.565	0.820	0.002	0.052	0.054	0.069		4.771	47.867
RT00518	0.159	0.051	0.579	0.789	1.199	0.014	0.025	0.039	0.159	3.012	3.670	12.400
RT00519	0.030	0.009	0.567	0.605	0.921	0.004	0.058	0.063	0.080	1.491	6.840	16.567
RT00520		0.003	0.428	0.431	0.687	0.000	0.015	0.008	0.066	1.456	3.303	18.000
RT00521	0.005	0.446	0.451	0.702	0.000	0.020	0.009	0.057	0.057	1.282	2.769	19.000
RT00523	0.140	0.009	0.619	0.768	1.177	0.000	0.057	0.057	0.150	3.167	6.172	20.933
RT00525		0.004	0.449	0.453	0.762	0.000	0.023	0.020	0.050	2.368	4.137	20.133
RT00526	0.043	0.305	0.601	0.950	1.322	0.021	0.209	0.255	0.105	3.630	16.048	11.533
RT00528	0.006	0.000	0.718	0.842	1.279	0.005	0.065	0.070	0.191	2.515	13.145	19.033
RT00530		0.000	0.385	0.386	0.732	0.002	0.017	0.019	0.084	1.519	3.503	18.900
RT00531	0.037	0.000	0.648	0.686	0.847	0.011	0.010	0.021	0.050	1.976	6.072	15.367
RT00541	0.022	0.019	0.523	0.564	0.760	0.000	0.036	0.033	0.114	1.735	3.937	17.667
RT00542	0.142	0.006	0.680	0.828	1.263	0.008	0.059	0.068	0.178	3.919	5.939	24.267
RT00543	0.033	0.050	0.651	0.735	0.999	0.003	0.057	0.056	0.103		6.940	37.600
RT00544	0.062	0.019	0.431	0.513	0.727	0.000	0.019	0.011	0.072	1.148	2.402	19.000
RT00545	0.038	0.004	0.319	0.361		0.002	0.009	0.007	0.037	0.387	2.969	26.100
RT00546	0.028	0.017	0.596	0.641	0.665	0.000	0.037	0.034	0.100	1.380	3.937	17.200
RT00547	0.076	0.016	0.602	0.693	1.040	0.000	0.027	0.024	0.103	2.251	4.104	20.067
RT00548	0.044	0.005	0.683	0.732	0.919	0.000	0.056	0.047	0.114	3.163	6.906	38.233
RT00549	0.017	0.003	0.542	0.562	0.748	0.008	0.027	0.035	0.095	2.687	6.272	14.867
RT00550	0.005	0.001	0.358	0.364		0.001	0.007	0.010	0.058	0.798	3.470	27.267
RT00554	0.006	0.159	0.596	0.761	0.900	0.002	0.045	0.042	0.127	2.309	8.908	23.650
RT00556	0.017	0.004	0.652	0.673	0.869	0.003	0.033	0.032	0.058	1.176	5.705	16.000
RT00557	0.045	0.000	0.505	0.551	0.802	0.000	0.051	0.044	0.107	1.568	6.139	17.233
RT00558		0.000	0.506	0.507	0.709	0.000	0.024	0.023	0.070	2.025	5.205	19.800
Mean	0.048	0.029	0.549	0.620	0.911	0.003	0.043	0.044	0.098	2.094	5.825	21.813

Shading represents values considered to be high (>0.1 mg/l; Bricker et al., 1999).